

# Chemical Information:

Name: 2,5-Dichlorophenol

Date of Analysis: 4 Apr 2007

CAS No.: 583-78-8

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_201889

Lot No.: 09127MW

NTP\_CID No.: 183

MW: 163.00 g/mol

## Purity and Identity Results:

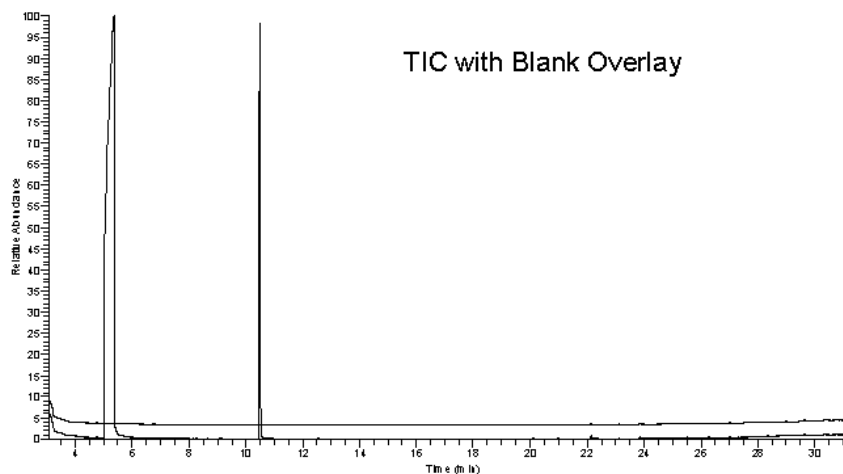
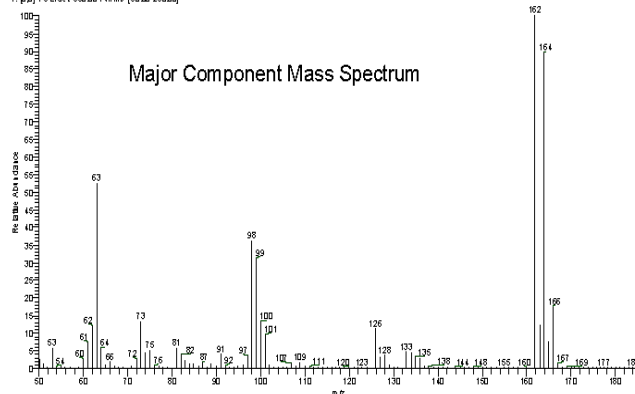
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.36	Not applicable
2,5-Dichlorophenol	10.49	100.00

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

## GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-31.50 SM: 3G


07:00:119 #097 RT: 10.49 AV: 1 SB: 2 10.44, 10.54 NL: 3.9566  
T: (0.0) + c Eide 1-350.00 Full MS (50.00-250.00)


NIST Reference Mass Spectrum

